## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mark Van Dyke, et al.

**Group Art Unit:** 

**Not Yet Assigned** 

Serial No.:

10/673,976

**Examiner:** 

**Not Yet Assigned** 

Filed:

09/29/2003

Atty. Docket No.:

SWRI-2921-04

Title:

Methods for Producing, Films Comprising, and Methods for Using

**Heterogeneous Crosslinked Protein Networks** 

#### MAIL STOP NON FEE AMENDMENT

Commissioner for Patents PO BOX 1450 Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

### Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the references listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record.

This Supplemental Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56 exists.

The commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-0997 (SWRI-2921-04), maintained by Paula D. Morris & Associates, P.C..

Respectfully submitted,

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/673,976		
Filing Date	September 29, 2003		
First Named Inventor	Van Dyke		
Art Unit	Not Yet Assigned		
Examiner Name	Not Yet Assigned		
Attorney Docket Number	SwBI-2921-04		

	<del></del>	U. S. PATENT	DOCUMENTS	
Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US- 505005	10.05.1004	Landford of ol	- I gareer press
			<u> </u>	
			<u> </u>	
		07-18-1972	Fillingham	
		03-05-2002	Mondet, et al.	
	<sup>US-</sup> 5300285	04-05-1994	Halloran, et al.	
	<sup>US-</sup> 5412076	05-02-1995	Gagnieu	
	<sup>US-</sup> 3250682	05-10-1966	Wilmsmann, et al	
	US- 5258501	11-02-1993	Barbaric, et al.	
	<sup>US-</sup> 4504644	03-12-1985	Lang, et al.	
	<sup>US-</sup> 2434688	01-20-1948	Evans	
	<sup>US-</sup> 5276138	01-04-1994	Yamada, et al.	
	<sup>US-</sup> 5520925	05-28-1996	Maser	
	<sup>US-</sup> 5948432	09-07-1999	Smith, et al.	
	<sup>US-</sup> 6124265	09-26-2000	Smith, et al.	
	<sup>US-</sup> 6165496	12-26-2000	Smith, et al.	
	US-			
	Cite No.1	No.1  Number-Kind Code <sup>2</sup> (# known)  US- 5358935  US- 5356433  US- 3677693  US- 6352699  US- 5300285  US- 5412076  US- 3250682  US- 5258501  US- 4504644  US- 2434688  US- 5276138  US- 5520925  US- 5948432  US- 6124265  US- 6165496  US- US- US- US-	Cite No.1         Document Number         Publication Date MM-DD-YYYY           US- 5358935         10-25-1994           US- 5356433         10-18-1994           US- 3677693         07-18-1972           US- 6352699         03-05-2002           US- 5300285         04-05-1994           US- 5412076         05-02-1995           US- 3250682         05-10-1966           US- 5258501         11-02-1993           US- 4504644         03-12-1985           US- 2434688         01-20-1948           US- 5276138         01-04-1994           US- 5948432         09-07-1999           US- 6124265         09-26-2000           US- US-         US-           US-         US-	No.1   Number-Kind Code <sup>2 (ff known)</sup>

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
		WO 03008006	01-30-2003	PHANEUF, M		
		EP 0540357	05-05-1993	Jones, et al.		
		EP 0097907	01-11-1984	Haller		L
		WO 9931167	06-24-1999	Vanderhoff, et al.		
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Examiner	Dat	e	
Signature	Cor	nsidered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ct of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known ELEVATIONS! Substitute for form **Application Number** 10/673,976 INFORMATION DISCLOSURE Filing Date September 29, 2003 STATEMENT BY APPLICANT First Named Inventor Van Dyke Art Unit Not Yet Assigned (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned

Attorney Docket Number

SwRI-2921-04

Sheet

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of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		VAN DYKE MARK ET AL., Development of keratin coatings for osteoinduction on titanium, ,Abstracts of Papers American Chemical Society, vol. 224, no.1-2, 2002,August 18-22,2002.	
		TANAKA, YOSHIO ET AL., Reaction of Wool Keratin with Epoxides, Proceedings International Wolltextil-Forschungskonf, Vol. 3, 1976, pp. 192-201	
		FRAENKEL-CONRAT, H., The Action of 1, 2-Epoxides on Proteins, Journal of Biological Chemistry, vol. 154, no. 1, June 1, 1944	
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Examiner Signature Date Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions described this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Transmittal [1 page], Supplemental Information Disclosure Statement [1 page]; Form PTO/SB/08A [2 pages]; WO/03008006 [51 pages]; WO/9931167 [90 pages]; EP 0540357 [11 pages]; EP 0097907 [52 pages]; "Development of Keratin Coatings for Osteoinduction on Titanium" [1 page]; "Reaction of Wool Keratin with Epoxides, Proceedings International [10 pages]; "The Action of 1, 2-Epoxides on Proteins" [12 pages]; and return receipt postcard.

Applicant: MARK VAN DYKE Group Art Unit: Not Yet Assigned

Serial No.: 10/673,976 Examiner: Not Yet Assigned

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